

In the Claims:

Kindly cancel claims 1-6 and replace with new claims 7-16.

1-6. Cancelled

7. (new) Grinding wheel including a circular wheel that rotates about a central axis and with a surface to which edge parts of a number of sand paper items are fastened, wherein the surface has increasing height inwards from a periphery of the surface, wherein the sand paper items have approximately the same height and are mounted mainly perpendicularly to the surface of the wheel and have approximately radial extension over the greater part of the radius of the surface, wherein the sand paper items are chosen among sand paper items which are slit inwards towards the surface or sand paper items which consist of a number of sand paper strips.

8. (new) Grinding wheel according to claim 1, wherein the sand paper items are supported by a number of support brushes that are also mounted mainly perpendicularly to the surface of the wheel.

9. (new) Grinding wheel according to wherein the sand paper items are adapted to be exchanged individually.

10. (new) Grinding wheel according to claim 2, wherein the support brushes are adapted to be exchanged individually.

11. (new) Grinding wheel according to claim 2, wherein the sand paper items and the support brushes are adapted to be exchanged individually.

12. (new) Grinding wheel according to claim 5, wherein the sand paper items and the support brushes are secured in a common foot.

13. (new) Grinding wheel according to claim 1, wherein the sand paper items are fastened in a radial groove in the surface of the grinding wheel.

14. (new) Grinding wheel according to claim 2, wherein the sand paper items are fastened in a radial groove in the surface of the grinding wheel and the support brushes are fastened in holes in the surface of the grinding wheel.

15. (new) Grinding wheel according to claim 1, wherein in order to ensure that the sand paper items cannot be flung out of the groove, the surface of the grinding wheel is designed with a locking means.

16. (new) Grinding wheel according to claim 9, wherein the locking means is an O-ring placed in a groove in the peripheral edge of the grinding wheel.